

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L22   | 0    | (communications adj device).clm. and (troubleshooting).clm. and (checks).clm. and ((re-start) restart).clm. and (problem).clm.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/06/09 14:51 |
| L23   | 0    | (communications adj device).clm. and (troubleshooting).clm. and (checks).clm. and ((re-start) restart).clm. and (problem).clm. and (solve).clm. and (detecting). clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/06/09 14:51 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L3    | 105  | 709/220.ccls. and modem and @pd>"20060905"                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/06/09 13:01 |
| L4    | 1089 | 714/48.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB              | OR               | OFF     | 2007/06/09 14:05 |
| L5    | 2    | L4 and ((dsl (digital adj subscriber adj line)) adj modem) and @pd>"20060321" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB              | OR               | OFF     | 2007/06/09 14:05 |
| L6    | 1942 | 714/25.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB              | OR               | OFF     | 2007/06/09 14:06 |
| L7    | 1    | L6 and ((dsl (digital adj subscriber adj line)) adj modem) and @pd>"20060112" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB              | OR               | OFF     | 2007/06/09 14:06 |
| L8    | 253  | 709/224.ccls. and modem and @pd>"20060907"                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/06/09 14:06 |
| L10   | 21   | 709/222.ccls. and modem and @pd>"20060905"                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/06/09 14:35 |
| L11   | 3    | 714/25.ccls. and router and @pd>"20070327"                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB              | OR               | OFF     | 2007/06/09 14:38 |

## EAST Search History

|     |    |   |  |    |     |                  |
|-----|----|---|--|----|-----|------------------|
| L12 | 25 | 709/220.ccls. and modem and @pd>"20070329"      | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/06/09 14:39 |
| L13 | 4  | 714/44.ccls. and (modem) and @pd>"20060713"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 14:44 |
| L14 | 7  | 714/46.ccls. and ((router switch) adj test\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:45 |
| L15 | 15 | 714/25.ccls. and ((router switch) adj test\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:45 |
| L16 | 15 | 709/224.ccls. and ((router switch) adj test\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:45 |
| L17 | 13 | 714/43.ccls. and (modem) and @pd>"20060905"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 14:46 |
| L18 | 6  | 714/43.ccls. and ((router switch) adj test\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:46 |
| L19 | 1  | 714/44.ccls. and ((router switch) adj test\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:47 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L20 | 4    | 714/44.ccls. and (modem) and @pd>"20060713"                           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/09 14:47 |
| L21 | 13   | 714/43.ccls. and (modem) and @pd>"20060905"                           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/09 14:47 |
| S65 | 460  | 714/46.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/11 13:07 |
| S66 | 911  | 714/48.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 14:29 |
| S67 | 1711 | 714/25.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 14:29 |
| S68 | 1    | 714/46.ccls. and ((dsl (digital adj subscriber adj line)) adj modem)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/11 15:54 |
| S69 | 1    | S66 and ((dsl (digital adj subscriber adj line)) adj modem)           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/11 15:54 |
| S70 | 4    | S67 and ((dsl (digital adj subscriber adj line)) adj modem)           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/11 15:54 |
| S71 | 7    | (714/4.ccls.) and ((dsl (digital adj subscriber adj line)) adj modem) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/11 15:55 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S72 | 26  | ("4385384"   "4516216"   "5341477"   "5357519"   "5535242"   "5548727"   "5590648"   "5613100"   "5630132"   "5634058"   "5649001"   "5732261"   "5752032"   "5774793"   "5778226"   "5794009"   "5826103"   "5878120"   "5925114"   "5960198"   "6023507"   "6073179").PN. OR ("6314475").URPN. | US-PGPUB; USPAT; USOCR                      | OR | OFF | 2006/03/01 14:51 |
| S73 | 72  | ("3349374"   "3715723"   "3806878"   "3819878"   "3838260"   "3943305"   "4006461"   "4039751"   "4055808"   "4076961"   "4076970"   "4112264"   "Re30037").PN. OR ("4385384").URPN.   | US-PGPUB; USPAT; USOCR                      | OR | OFF | 2006/03/01 14:54 |
| S74 | 0   | (troubleshoot\$3) with ((dsl (digital adj subscriber adj line)) adj modem)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/19 16:39 |
| S75 | 19  | (diagnos\$3) with ((dsl (digital adj subscriber adj line)) adj modem)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 15:14 |
| S76 | 38  | (monitor\$3) with ((dsl (digital adj subscriber adj line)) adj modem)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/03 09:31 |
| S78 | 4   | 714/43.ccls. and ((dsl (digital adj subscriber adj line)) adj modem)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/03 09:35 |
| S79 | 0   | ("2004/0078708").URPN.   | USPAT                                       | OR | OFF | 2006/03/01 15:20 |
| S80 | 122 | (install\$3 adj modem)   | USPAT                                       | OR | OFF | 2006/03/04 10:15 |
| S81 | 2   | (install\$3 adj modem) and troubleshoot\$3   | USPAT                                       | OR | OFF | 2006/03/01 15:20 |
| S82 | 91  | S65 and modem  | USPAT                                       | OR | OFF | 2006/03/01 15:32 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S83 | 8680 | (monitor\$3) with (modem)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 09:32 |
| S84 | 1216 | ((monitor\$3) with (modem)) and (service adj provider)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 09:32 |
| S85 | 1125 | ((monitor\$3) with (modem)) and (service adj provider) and computer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 09:32 |
| S86 | 324  | ((monitor\$3) with (modem)) and (service adj provider) and computer and (diagnos\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 09:32 |
| S87 | 109  | 714/43.ccls. and (modem)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/11 15:56 |
| S88 | 7    | ("5819028"   "6029258"   "6170065"   "6477531"   "6581166"   "6598183"   "6651190").PN. OR ("6883118").URPN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/03 09:44 |
| S89 | 79   | ("4434489"   "4847837"   "4881230"   "5123017"   "5159685"   "5233688"   "5291590"   "5293323"   "5297248"   "5317568").PN. OR ("5819028").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/03 09:47 |
| S90 | 205  | (714/4.ccls.) and (modem)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 10:03 |
| S91 | 10   | ("5818871"   "5881131"   "5884073"   "5933646"   "6148337"   "6256635"   "6330586"   "6345294"   "6546392"   "6578042").PN. OR ("6684242").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/03 10:11 |

## EAST Search History

|      |       |  |                        |    |     |                  |
|------|-------|--|------------------------|----|-----|------------------|
| S92  | 8     | ("5539869"   "6134644"   "6205579"   "6272150"   "6393478"   "6507592"   "6594305").PN. OR ("6750879").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/03 18:03 |
| S93  | 1254  | 709/224.ccls. and modem  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/11 16:04 |
| S94  | 878   | "714"/\$.ccls. and (pulse adj generator)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 09:51 |
| S95  | 7     | 714/30.ccls. and (pulse adj generator)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 09:52 |
| S96  | 3     | 714/31.ccls. and (pulse adj generator)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 09:51 |
| S97  | 29    | 714/30-37.ccls. and (pulse adj generator)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 09:52 |
| S98  | 198   | 709/222.ccls. and modem  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/11 16:00 |
| S99  | 157   | (initializ\$4 adj modem)   | USPAT                  | OR | OFF | 2006/03/04 10:15 |
| S100 | 5     | ("5764694"   "6195414"   "6307877"   "6311291"   "6560557").PN. OR ("6834077").URPN.                         | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 10:17 |
| S101 | 588   | 709/220.ccls. and modem  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/11 15:58 |
| S102 | 21    | comcast\$.as.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 11:21 |
| S103 | 124   | america adj online.as.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 11:26 |
| S104 | 20113 | motorola\$.as.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 11:26 |
| S105 | 1130  | motorola\$.as. and modem   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 11:26 |
| S106 | 0     | motorola\$.as. and (install\$5 adj modem)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/04 11:26 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S10<br>7 | 6   | motorola\$.as. and (configur\$4 adj modem)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 11:27 |
| S10<br>8 | 362 | (configur\$4 adj modem)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 11:27 |
| S10<br>9 | 201 | (configur\$4 adj modem) and (error errors)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 11:47 |
| S11<br>0 | 106 | (modem adj failure)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 11:55 |
| S11<br>1 | 25  | (modem adj fail)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 12:01 |
| S11<br>2 | 230 | (modem adj (fails failed failing failure))  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 12:02 |
| S11<br>3 | 40  | 714/44.ccls. and (modem)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/11 15:57 |
| S11<br>4 | 11  | ("4390947"   "4677686"   "4710929"   "5202914"   "5455933"   "5961604"   "6014744"   "6041051"   "6049826"   "6230326"   "6366297").PN. OR ("6823480").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 13:33 |
| S11<br>5 | 149 | ("4837764"   "5179695"   "5325529"   "5357519").PN. OR ("5455933").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/03/04 13:38 |
| S11<br>6 | 19  | (US-20040078708-\$ or US-20020122050-\$ or US-20040073847-\$ or US-20030135592-\$ or US-20040054804-\$).did. or (US-6560726-\$ or US-6823480-\$ or US-6314475-\$ or US-5930527-\$ or US-5455933-\$ or US-6785834-\$ or US-5819028-\$ or US-5628030-\$ or US-6684242-\$ or US-4385384-\$ or US-6687344-\$ or US-6750879-\$ or US-6883118-\$ or US-6654914-\$).did. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/03/05 22:52 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S11<br>7 | 2   | S116 and dns   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 08:24 |
| S11<br>8 | 7   | S116 and reset   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:48 |
| S11<br>9 | 16  | (dsl adj modem) with (reset\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:42 |
| S12<br>0 | 10  | ((dsl adj modem) with (reset\$4))<br>and transceiver                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:44 |
| S12<br>1 | 186 | ((dsl adj modem) and (reset\$4))<br>and transceiver                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 16:40 |
| S12<br>2 | 0   | ((dsl adj modem) and (reset\$4))<br>and (transceiver adj fail adj<br>synchronze)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:44 |
| S12<br>3 | 0   | ((dsl adj modem) and (reset\$4))<br>and (transceiver adj fail\$3 adj<br>synchronze)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:44 |
| S12<br>4 | 0   | ((dsl adj modem) and (reset\$4))<br>and (transceiver adj fail\$3 adj<br>synchronze)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:45 |
| S12<br>5 | 0   | ((dsl adj modem) and (reset\$4))<br>and (transceiver with fail\$3 with<br>synchronze)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:45 |
| S12<br>6 | 0   | ((dsl adj modem) and (reset\$4))<br>and (transceiver with fail\$3 with<br>synchroniz\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 00:45 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S12<br>7 | 0  | ((dsl adj modem)) and (transceiver with fail\$3 with synchroniz\$3)        | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 00:45 |
| S12<br>8 | 5  | ((dsl adj modem)) and (transceiver with synchroniz\$3)                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 00:46 |
| S12<br>9 | 0  | ((digital adj subscriber) adj modem)) and (transceiver with synchroniz\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 00:46 |
| S13<br>0 | 0  | ((digital adj subscriber) adj modem) and (transceiver with synchroniz\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 00:46 |
| S13<br>1 | 7  | S116 and reset\$3  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 00:48 |
| S13<br>2 | 15 | reset\$3 with (dsl adj modem)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/19 15:09 |
| S13<br>3 | 0  | re-set\$3 with (dsl adj modem)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 00:49 |
| S13<br>4 | 9  | restart\$3 with (dsl adj modem)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 08:01 |
| S13<br>5 | 1  | 10/603951  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 08:14 |
| S13<br>6 | 0  | 10/603949  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/06 08:14 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S13<br>7 | 19  | (US-20040078708-\$ or<br>US-20020122050-\$ or<br>US-20040073847-\$ or<br>US-20030135592-\$ or<br>US-20040054804-\$).did. or<br>(US-6560726-\$ or US-6823480-\$<br>or US-6314475-\$ or US-5930527-\$<br>or US-5455933-\$ or US-6785834-\$<br>or US-5819028-\$ or US-5628030-\$<br>or US-6684242-\$ or US-4385384-\$<br>or US-6687344-\$ or US-6750879-\$<br>or US-6883118-\$ or<br>US-6654914-\$).did. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/03/06 08:24 |
| S13<br>8 | 0   | S137 and (domain adj name adj<br>server)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 08:24 |
| S13<br>9 | 242 | (dsl) and (domain adj name adj<br>server)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 08:24 |
| S14<br>0 | 125 | (dsl) and (domain adj name adj<br>server) and (email e-mail)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 08:25 |
| S14<br>1 | 14  | (dsl) and (domain adj name adj<br>server) and (email e-mail) and<br>diagnostic  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 08:36 |
| S14<br>2 | 2   | "6947980".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/06 08:37 |
| S14<br>3 | 0   | ((digital adj subscriber) adj<br>modem) with analyz\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 16:39 |
| S14<br>4 | 0   | ((digital adj subscriber) adj<br>modem) with check\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 16:40 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S14<br>5 | 0    | ((digital adj subscriber) adj modem) with monitoring  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 16:40 |
| S14<br>6 | 432  | ((dsl adj modem) and (reset\$4))                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 16:40 |
| S14<br>8 | 25   | ((dsl adj modem) same (reset\$4))                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 16:50 |
| S14<br>9 | 3151 | (test\$3 with modem)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 16:50 |
| S15<br>0 | 294  | (test\$3 with modem) and "714"/\$.ccls.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 17:00 |
| S15<br>1 | 180  | (debug\$4 with modem)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/15 17:00 |
| S15<br>2 | 1124 | reset\$3 with (modem)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/19 15:09 |
| S15<br>3 | 107  | reset\$3 with (modem) with (fault failure fails fail) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/19 15:10 |
| S15<br>4 | 2    | "6788705".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/19 16:39 |
| S15<br>5 | 0    | (troubleshoot\$3) with (".modem")                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/19 16:40 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S15<br>6 | 174  | (troubleshoot\$3) with ("modem")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/19 16:40 |
| S15<br>7 | 83   | ((troubleshoot\$3) with ("modem")) and (reset\$4 restart\$4)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/19 16:46 |
| S15<br>8 | 10   | (("modem")) and ((reset\$4 restart\$4) with (new adj parameters))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/19 16:47 |
| S16<br>0 | 0    | 714/46.ccls. and ((dsl (digital adj subscriber adj line)) adj modem) and @pd>"20031125"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/11 15:54 |
| S16<br>1 | 983  | 714/48.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/11 15:54 |
| S16<br>2 | 1    | S161 and ((dsl (digital adj subscriber adj line)) adj modem) and @pd>"20050426"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:05 |
| S16<br>3 | 1806 | 714/25.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/31 11:51 |
| S16<br>4 | 0    | S163 and ((dsl (digital adj subscriber adj line)) adj modem) and @pd>"20060112"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:06 |
| S16<br>5 | 3    | (714/4.ccls.) and ((dsl (digital adj subscriber adj line)) adj modem) and @pd>"20040805" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/11 15:55 |
| S16<br>6 | 5    | 714/43.ccls. and (modem) and @pd>"20060131"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 12:54 |

## EAST Search History

|          |     |  |  |    |     |                  |
|----------|-----|--|--|----|-----|------------------|
| S16<br>7 | 3   | 714/44.ccls. and (modem) and<br>@pd>"20060117" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 12:49 |
| S16<br>8 | 79  | 709/220.ccls. and modem and<br>@pd>"20060302"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/06/09 13:01 |
| S16<br>9 | 26  | 709/222.ccls. and modem and<br>@pd>"20060302"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/06/09 14:34 |
| S17<br>1 | 204 | 709/224.ccls. and modem and<br>@pd>"20060302"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:06 |
| S17<br>2 | 1   | 714/44.ccls. and (modem) and<br>@pd>"20060713" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 14:44 |
| S17<br>3 | 9   | 714/43.ccls. and (modem) and<br>@pd>"20060905" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 14:46 |
| S17<br>4 | 80  | 709/220.ccls. and modem and<br>@pd>"20060905"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/06/09 14:39 |
| S17<br>5 | 172 | 709/224.ccls. and modem and<br>@pd>"20060907"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/31 11:28 |
| S17<br>6 | 14  | 709/222.ccls. and modem and<br>@pd>"20060905"  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/03/31 11:50 |
| S17<br>7 | 74  | 714/25.ccls. and router                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 14:38 |

## EAST Search History

|          |      |  |  |    |     |                  |
|----------|------|--|--|----|-----|------------------|
| S17<br>8 | 3067 | (router switch) adj test\$4                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/03/31 12:02 |
| S17<br>9 | 2744 | 709/224.ccls. and (router switch)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/31 12:02 |
| S18<br>0 | 15   | 709/224.ccls. and ((router switch)<br>adj test\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:45 |
| S18<br>1 | 0    | 709/222.ccls. and ((router switch)<br>adj test\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/31 12:05 |
| S18<br>2 | 1    | 714/44.ccls. and ((router switch)<br>adj test\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:47 |
| S18<br>3 | 6    | 714/43.ccls. and ((router switch)<br>adj test\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:46 |
| S18<br>4 | 15   | 714/25.ccls. and ((router switch)<br>adj test\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:45 |

## EAST Search History

|          |    |   |  |    |     |                  |
|----------|----|---|--|----|-----|------------------|
| S18<br>5 | 7  | 714/46.ccls. and ((router switch)<br>adj test\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/09 14:45 |
| S18<br>6 | 4  | 714/44.ccls. and (modem) and<br>@pd>"20060713"    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 14:47 |
| S18<br>7 | 13 | 714/43.ccls. and (modem) and<br>@pd>"20060905"    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | OFF | 2007/06/09 14:47 |